

Amendments to the Claims:

Please amend claims 4-5 and add new claims 8-12 as follows (all pending claims and their status identifiers are reproduced below):

1-3. (Canceled)

4. (Currently Amended) A medical apparatus with for producing light flux for biologic treatments, comprising:

~~an artificial light source and optic filter;~~

a case having a wall, an opposite wall with an orifice;

~~a support that is set on a foot plate, that~~ which ~~bears a light source bulb ventilated by a fan~~
~~set inside the case;~~

a concave mirror set on an axial ~~bar handlebar~~, on the wall of the case;

an ~~[[optic]]~~ optical filter ~~set mounted~~ on an objective in the orifice on the opposite wall of
the case located on an opposite wall in a slit of the case;

a rotating shutter disc comprising orifices, the rotating shutter disc being mounted on the
same wall as the optical filter in such a way that the orifices become coaxial with an optical filter
axis during rotation of the rotating shutter disc; and

a light flux passing through the orifices of the rotating shutter disc to the objective,

wherein the light source bulb is mounted in a focus of the concave mirror so that the light

flux is made up of rays reflected by the concave mirror and of direct rays emitted by the light source bulb and wherein the rotating shutter disc is equipped with a slit regulating device ~~a rotating shutter disc is set on said opposite wall with the optic filter, equipped with a slit regulating device, having orifices c and d that become coaxial on an optic filter axis;~~

~~wherein processed light flux is made of rays reflected by the concave mirror and of direct rays reflected by the source of light; and wherein the light flux passes through the orifices c and d of the shutter disc and straighten to the objective, inside of which the optic filter is set.~~

5. (Currently Amended) The medical apparatus ~~of~~ according to claim 4, wherein the ~~rotating speed of the rotating~~ shutter disc is ~~run rotated~~ by an engine[[,]] ventilated by a fan and assisted controlled by a digital voltage modulator ~~of the light flux~~.

6. (Previously presented) The medical apparatus of claim 4, wherein a computer controls the entire apparatus' handling and coordinating.

7. (Previously presented) The medical apparatus of claim 5, wherein a computer controls the entire apparatus's handling and coordinating.

8. (New) The medical apparatus according to claim 4, wherein the light source bulb is ventilated by a fan located outside of the case.

9. (New) The medical apparatus according to claim 4, wherein the size of the orifice of the rotating shutter disk is proportional to the intensity of the light flux and corresponds to rotational frequency of the rotating shutter disk.

10. (New) The medical apparatus according to claim 4, wherein electromagnetic frequency band of the light source bulb is between about 560 nm and about 3000 nm.

11. (New) The medical apparatus according to claim 4, wherein the slit regulating device renders the form and the dimension of the orifices of the rotating shutter disc to be variable, depending on the frequency of the light flux.

12. (New) The medical apparatus according to claim 1, wherein the slit regulating device is configured to modulate the light flux to have a lower frequency.